

BlueFon Comfort

System Description



Analog 2W Telephone Set
with Hands Free Mode

BlueCom Ltd.

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Great care has been taken to ensure that the information contained in this handbook is accurate and complete. Should any errors or omissions be discovered or should any user wish to make a suggestion for improving this handbook, he is invited to send the relevant details to:

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SYSTEM DESCRIPTION

1 Introduction

The BLUEFON COMFORT telephone set – is a custom-made analogue telephone set for BLUECOM ECS-FD/IP PABX systems. It allows to use all the basic voice services of the BLUECOM communication systems and provides a telephone book and call logs.

2 Main Features

- Caller ID display for FSK / DTMF incoming calls
- Menu in English / French / German / Spanish / Italian / Danish / Portuguese selectable
- Maximum 199 incoming calls for dynamic storage of incoming calls without retention
- Maximum 99 records for phone book with 16 digits & 16 characters
- 16 outgoing call records
- Two way speaker phone
- Pulse/Tone dialing
- 12 two-touch memories
- 4 multifunction keys (F1...F4) programmable by PABX system ECS-FD
- Area code at the length of 6 digits
- LCD contrast
- Pre-dialing
- Real time clock
- BABY CALL at the length of 16 digits
- Redial / Flash / Pause / Mute functions
- In-use LED indicator
- Digital speaker volume control
- Switchable ringer volume control with High / Medium / Low levels
- Message indicator
- Telephone line power operation
- Wall mounting possibility
- Batteries operation

This booklet provides a description of services offered by BLUEFON COMFORT telephone.

3 Safety

Please, read the following safety advice carefully before using a BLUEFON COMFORT telephone:

- Read these instructions and keep the document in a safe place.
- Keep the box of the telephone.
- Place your telephone on a flat and non slippery surface.
- Ensure that your telephone is not positioned in direct sunlight or near other heat sources.
- Do not install or use your telephone in areas where there is a risk of explosion.
- Protect the telephone from humidity, water, steam, dust and aggressive liquids. Use a slightly damp cloth to clean the plastic cabinet. Do not use petrol, thinner or chemical solvents. Do not use abrasive powder to clean the telephone housing.
- Use the telephone in a temperature range from +5°C to +40°C.
- Only connect the connecting cable to a socket intended for analogue telephones.

4 Declaration of Conformity

BlueCom declares that the product BLUEFON COMFORT is conform to the EC directive 1999/05/EC of the European Parliament and the European Commission dated 9th of March 1999 for radio equipment and for telecommunications terminal equipment and the reciprocal recognition of their conformity.

Affixing the mark:

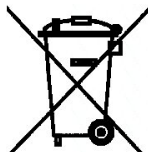


on the product, object of the present declaration, guarantees the observance of the directive 1999/05/EC".

5 Environment

The product, at the end of its life-cycle must not be disposed of in the environment; its disposal must be done according to article 13 of the Law Decree 25th July 2005, n. 151 "Implementation of the directive 2002/95/EC, 2002/96/EC and 2003/108/EC, in respect to the the use of dangerous substances in electrical and electronic equipment, as well as the disposal of the product".

The crossed garbage bin symbol shown on the equipment or on its packing and also in the following figure, indicates that the product at the end of its useful life must be collected separately from other garbage.



The separate collection of this product when it has reached the end of its life-cycle is organized and managed by the supplier. The user that wants to dispose this product must contact the supplier and follow the method that they have adopted for the disposal of the product at the end of its life-cycle.

A suitable collection method to start the process of equipment recycling, its treatment and a compatible environmental disposal helps to avoid possible negative effects on the environment and on health, and encourages the reuse and/or recycle of the materials contained in the product.

The non correct disposal of the product by the owner can be punished by the local law in place.

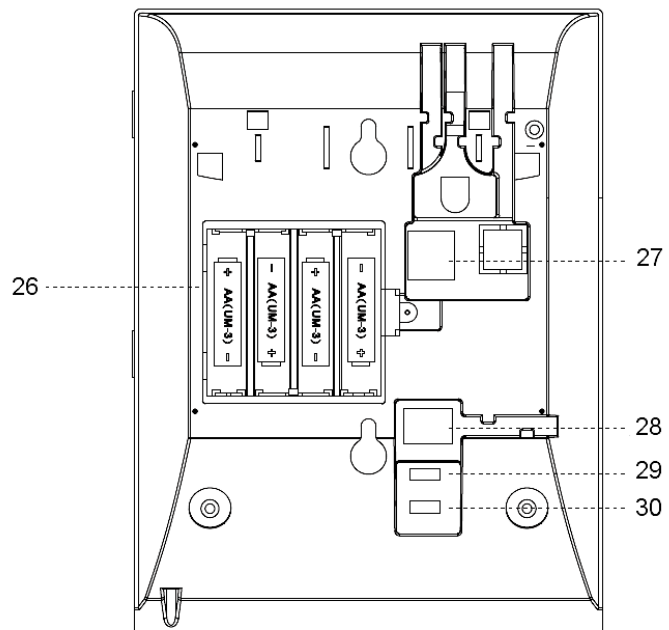
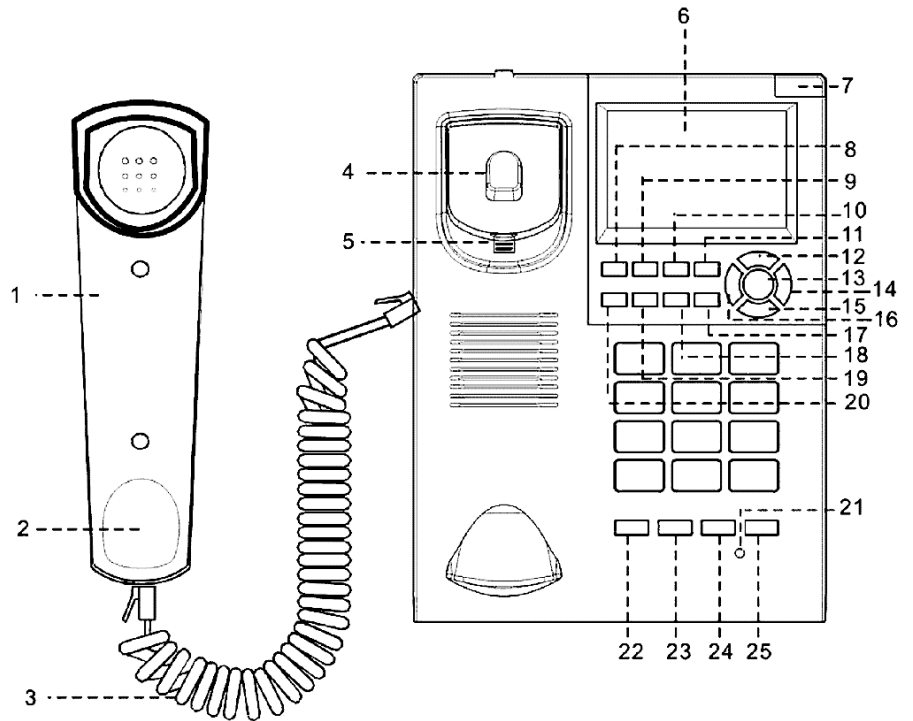
5.1 Battery Recycling

A not suitable recycling method of the batteries or the whole telephone set at the end of the life-cycle, cause serious effects on the environment and on health. Therefore follow the recommendation below:

Do not throw batteries or power supplies together with the other waste, they are subject to differential collection; it is required to bring them to the collection center instituted by the manufacturers under 2006/66/EC European Directive, or to the collection center organized by local administrations. Under 2006/66/EC European Directive, the collection center service must be free of charge.

6 Description of BlueFon Comfort Telephone Set

1. HANDSET
2. MICROPHONE
3. COIL CORD
4. HOOK SWITCH
5. HANDSET GUIDE
6. DISPLAY LCD
7. MESSAGE LED
8. MEMORY
9. OUT
10. MUTE
11. VOLUME
12. UP
13. OK
14. PHONE BOOK
15. DOWN
16. C (Cancel)
17. F4
18. F3
19. F2
20. F1
21. IN USE LED
22. REDIAL
23. PAUSE
24. FLASH
25. HANDSFREE
26. BATTERIES COMPARTMENT
27. LINE JACK
28. HANDSET JACK
29. PULSE/TONE SWITCH
30. RINGER VOLUME SWITCH



7 Installation

7.1 Telephone Installation

1. Connect one end of handset coil cord to the handset base and the other end to the base unit at (27). Connect one end of the telephone line cord to the base unit at (26), and the other end to the wall outlet. In case your telephone outlet is not compatible with RJ11 connector of the telephone line cord then you may need an adaptor, or you should consult your distributor/retailer for assistance.

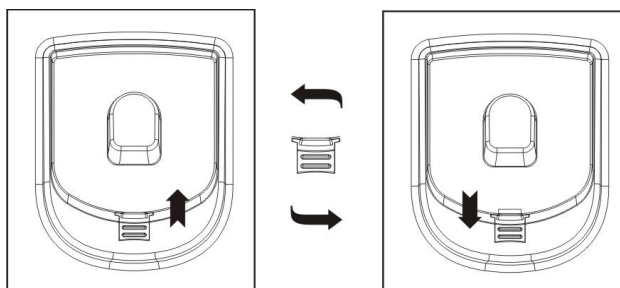
2. Insert all cables in the guides on the base of the telephone set.

3. Telephone line installation

To set up the phone for the first time, please connect the telephone to a subscriber circuit on the PABX system. The LCD display will change from low contrast to normal contrast. You can then operate the unit with the following steps.

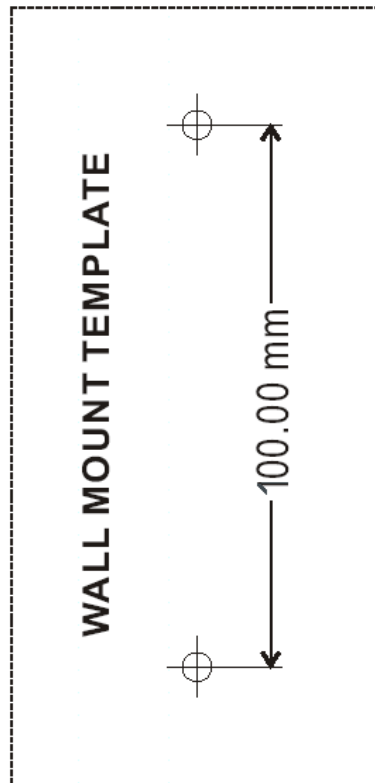
4. Wall Mount

This telephone set can be mounted on a wall. To prevent the handset from falling, take out the handset guide, rotate it for 180 degree, and then re-insert it into the original place.



To mount the phone on the wall do the following:

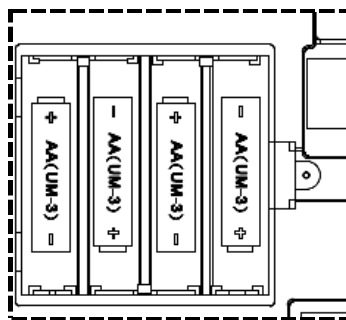
- Drill 2 holes with a diameter of 5 mm each with distances shown in Figure below,
- Insert the 5 mm plastic anchor into the holes
- Fasten the screw but do not insert the screw completely. Leave 5mm distance between screw head and the wall.
- Position the telephone against the wall over the screws so that the screws heads insert in the larger part of the keyholes cut outs and fix the telephone by sliding it down the screws.



7.2 Battery Installation

This telephone requires 4 batteries LR6 (AA) 1.5V as a back-up power source.

Open the battery cover with a screw driver and place the batteries into the battery compartment. Make sure the batteries are placed properly and with the correct polarity, printed on the bottom of the batteries compartment. Close the battery cover.



REMARKS:

If the telephone line is disconnected, batteries are needed to maintain the clock, phone setup, outgoing call records and caller ID records.

When the **Battery Low Indicator** appears on the LCD display then you have to insert or replace the batteries.

Warning:

To avoid electric shock, disconnect the telephone line cord from the phone before installing the batteries.

8 Main Features

8.1 Phone Settings

At the on-hook or off-hook state, press OK key to go to the setting mode, the LCD will display: **VIEW MENU** ↑↓. Use **UP** or **DOWN** keys to select a menu item. To change an entry item press the **OK** key. After you have finished with one item, press **OK** key again to confirm and/or move to another item. To change items, always use UP or DOWN keys. If you want to quit the setting mode at any time, press C key.

The settings of different items are shown in detail below:

8.1.1 Language

When the LCD displays **SELECT LANGUAGE**, press **OK** key once, LCD will show **ITALIAN** as default setting. Use **UP** or **DOWN** key to select among the languages of English / French / German / Spanish / Italian / Danish / Portuguese.

8.1.2 Local Code

For future use.

8.1.3 Long Distance Code

For future use.

8.1.4 Date/Time

When the LCD displays: **DATE/TIME** , press OK key once, the year digits will flash. Use UP or DOWN key to change the year (Step is 1), then press OK key to confirm it and move to the setting of the hour. Repeat the operation to set the minute, day and month by turn. The LCD will automatically display the corresponding day of the week. If the set receives a FSK caller ID, then the current month, date and time will be updated automatically (the year remains unchanged).

8.1.5 LCD Contrast

When the LCD displays: **CONTRAST ADJUST** , press **OK** key and then use **UP** or **DOWN** key to select among 5 different contrast levels. The default setting is 3.

8.1.6 Baby Call

When the LCD displays **BABYCALL** , press **OK** key once and display **BABYCALL OFF** . Use **UP** or **DOWN** key to turn it on and then press **OK** key to confirm. After setting the **BABYCALL** number, press **OK** key to confirm.

8.1.7 Enter Phone Book Record

When the LCD displays: **PHONEBOOK INPUT** , press **OK** key once, then you can enter the telephone number. Press **OK** key again to confirm the number and then input the name. Use **UP** or **DOWN** key to move the cursor and **C** key to correct. When finished, press **OK** key again to confirm. To exit the operation, press **C** key.

8.1.8 Edit Phone Book Record

When the LCD displays: **PHONEBOOK EDIT** , press **OK** key once and enter the first character of name, you can view the corresponding telephone numbers by pressing **OK** key. If you do not enter any characters and press **OK** key, then the first entry will be shown. Use **UP** or **DOWN** key to select the record that you want to edit. The cursor will be flashing on the last digit of the number. Press **C** key to backspace the number and press **OK** key to confirm. Then the cursor will be flashing on the first digit of the name. Press **C** key to backspace, press **UP** or **DOWN** key to move cursor position and press **OK** key to confirm. To exit the operation press **C** key.

8.2 On Hook Operation


8.2.1 Receiving Incoming FSK & DTMF Caller ID

When receiving a phone call, the LCD will display the phone number together with the information of name, date, time, and the number if user had applied for the Caller ID service. A new number will carry a “**NEW**” icon, and a repeated number will carry a “**REP**” icon. A private call (when the caller prefers his/her number to be hidden) will display “**PRIVATE CALL**”. A call out of service will display “**OUT OF AREA**”. An incorrect incoming signal will display “**ERROR**”. If it is a FSK caller ID signal, the current month, date and time display will be updated (while the year remains unchanged). If there is no information from the PABX, then name shown on the LCD will be same as that in the phone book.

8.2.2 Viewing the Incoming Call List

User can use **UP** or **DOWN** key to view the information of the incoming calls including phone number, date, and time. For fast scroll, press and hold **UP** or **DOWN** key.

8.2.3 Dialling an Incoming Call Entry

For a local call, just press the **REDIAL** or **SPEAKER** /  key when the caller's number is on display. For a long distance call, press **REDIAL** key twice to dial out the number with long distance number at the beginning.


8.2.4 Viewing Outgoing Calls

User can use **OUT** key to view the outgoing numbers and duration of each call. To re-dial, press **SPEAKER** key directly. For fast scroll, press and hold **OUT** key.

8.2.5 Viewing Phone Book

Press **PHONE BOOK** key and input the first character of name. You can view the corresponding telephone number by pressing **PHONE BOOK** key again. If you do not enter any character and press the **PHONE BOOK** key then you can view the entries in sequence. To re-dial, press **REDIAL** or **SPEAKER** key directly.

8.2.6 On Hook Dialling

Enter a phone number and press the **REDIAL** or **SPEAKER** /  key to dial out. For any input mistakes, press **C** key to correct.

8.2.7 Baby Call

Press any key except the **OK** key to dial out the pre-set number when BABY CALL function has been turned on.

8.2.8 C key

1. In the setting mode, use it to correct any input mistakes or to quit any setting.
2. In the On Hook dialing mode, use it to correct any input mistakes.
3. When scrolling outgoing calls, use it to delete a phone number.
4. When scrolling incoming calls, press C key to delete a phone number. The LCD will show DELELE, press OK key to confirm or press C key to quit. Press and hold C key for 4 seconds to delete all the incoming calls. The LCD will show DELELE, press OK key to confirm or press C key to quit.
5. When scrolling phone book, press C key to delete a phone book entry. The LCD will show DELELE, press OK key to confirm or press C key to quit

8.2.9 Store a Phone Number

1. Two-touch Memory
 - on-hook + pre-dialing number + **OK** + **N** (N=1 ~ 9, 0, *, #)
 - on-hook + incoming call + **OK** + **N** (N = 1 ~ 9, 0, *, #)
 - dial out: on-hook + **MEM** + **N** (N = 1 ~ 9, 0, *, #)
2. Phone Book Memory
 - Incoming call + **OK** + **PHONE BOOK** + edit of phone book

8.2.10 Ringer Volume Control

Ringer volume can be set to 3 different level L / M / H by the slide switch at the bottom of the phone.

8.2.11 Message Waiting Indicator


This indicator will be turn on during incoming call or special signal from some PBX.

8.3 Off Hook Operation


8.3.1 Checking Incoming and Outgoing Calls

You can use **UP** or **DOWN** key to view the information of the incoming calls including phone number, date and time. Press **OUT** key to check outgoing call records.

8.3.2 Dial a Number on the Display

When a phone number is shown on LCD such as incoming call, outgoing call or a phone book entry, press **SPEAKER** /  key or pick up handset to dial out the number.

8.3.3 Dial F1, F2, F3 and F4 Keys

Pick up the handset or press **SPEAKER** /  key, and then press F1 to F4 key to dial out the specific number programmed by BlueCom PABX systems.

8.3.4 Dial Two-touch Memory

Pick up the handset or press **SPEAKER** /  key and press MEM key and N (N=1 ~ 9, 0, * or #).

8.3.5 Call Time

The display shows the duration of a call in progress after the number has been dialled.

8.3.6 Pause Key

Press **PAUSE** key to insert a delay time of 3.6 seconds in a dialling sequence.

8.3.7 Mute Key

During phone conversation, if you do not want the person on the line to hear your voice, press **MUTE** key to cut off the microphone. To resume conversation, press **MUTE** key again.

8.3.8 FLASH Key

During off-hook state, press **FLASH** key for recall that is used for some PSTN network and PBX services.

8.3.9 REDIAL Key

When the phone is off-hook, press **REDIAL** key to dial out the phone number which was dialled the last time by the user.

8.3.10 In Use LED

The in use LED is on when the phone is off-hook.

8.4 Speaker Phone Operation

8.4.1 Speaker Phone Mode

To make a call, press **SPEAKER** key to activate the speaker phone. Press **SPEAKER** key to deactivate the speaker phone and to terminate the call.

8.4.2 Speaker Volume Control

To change the speaker volume, press **VOL** key to adjust the volume levels during off-hook state.

9 Technical Characteristics

Size: (without phone base support)

Length	214 mm
Width	160 mm
Height	35 mm

Weight: 0,7 Kg

Colour: black

Operating range:

Temperature	5°C - 40°C
Humidity	95% RH max, without condensation

DTMF dialling

Duration	100 ms
Pause	100 ms

Flash Time: 97 ms +/-4ms
(flash key)

Wall mounting: yes